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(57) Abstract:

PROBLEM TO BE SOLVED: To continuously perform multicolor printing at a high speed.

SOLUTION: A drum rotatable at a constant peripheral speed, a medium holding means for holding a printing medium M to the outer peripheral surface of the drum and respective color nozzle units arranged to the drum so as to be positionally shifted in the rotary direction of the drum and having a large number of ink jet nozzles 207 are provided and respective color inks are sprayed on the printing medium M during the rotational movement along with the drum from the selected color ink jet nozzles 207 to enable color printing and the medium supply means for supplying the printing medium M is arranged on one side of the drum and the color nozzle units are arranged on the other side thereof and the medium discharge and feed means discharging and feeding the printing medium M peeled from the drum is disposed on the upper side of the color nozzle units and line (L) printing and row (F) printing utilizing the high speed rotary movement of the printing medium M are made possible to advance at the same time and the flow of the printing medium can be smoothed.

